Drawings

Fig. 1

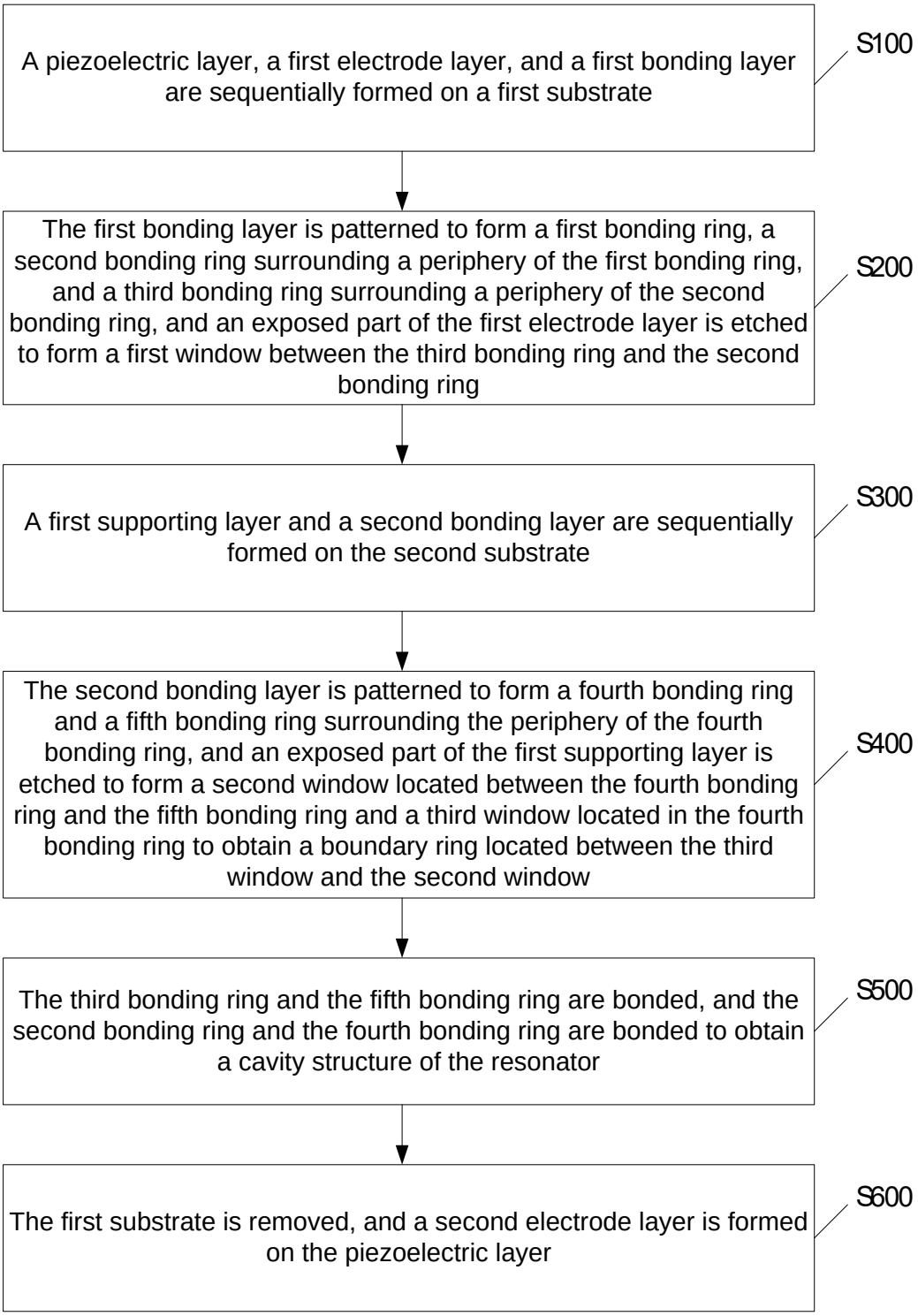


Fig. 2

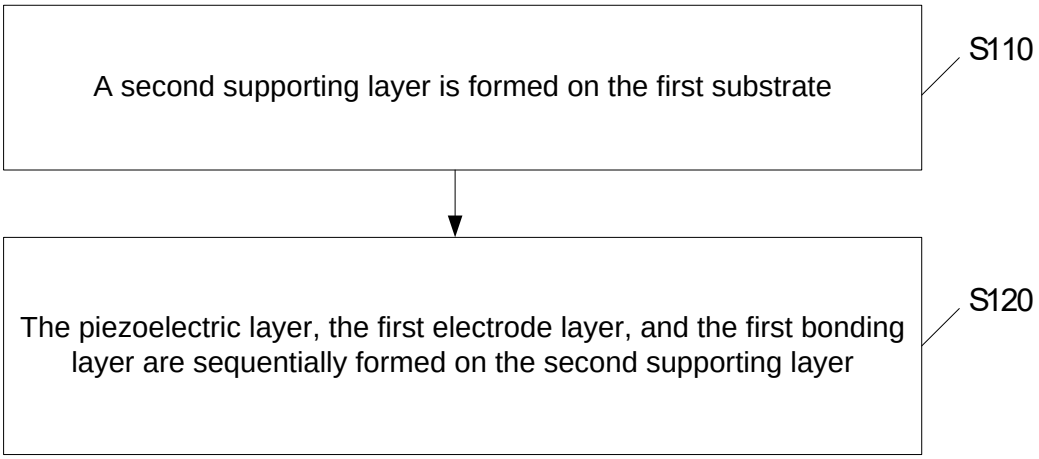

A second supporting layer is formed on the first substrate
S110
The piezoelectric layer, the first electrode layer, and the first bonding layer are sequentially formed on the second supporting layer
S120

Fig. 3

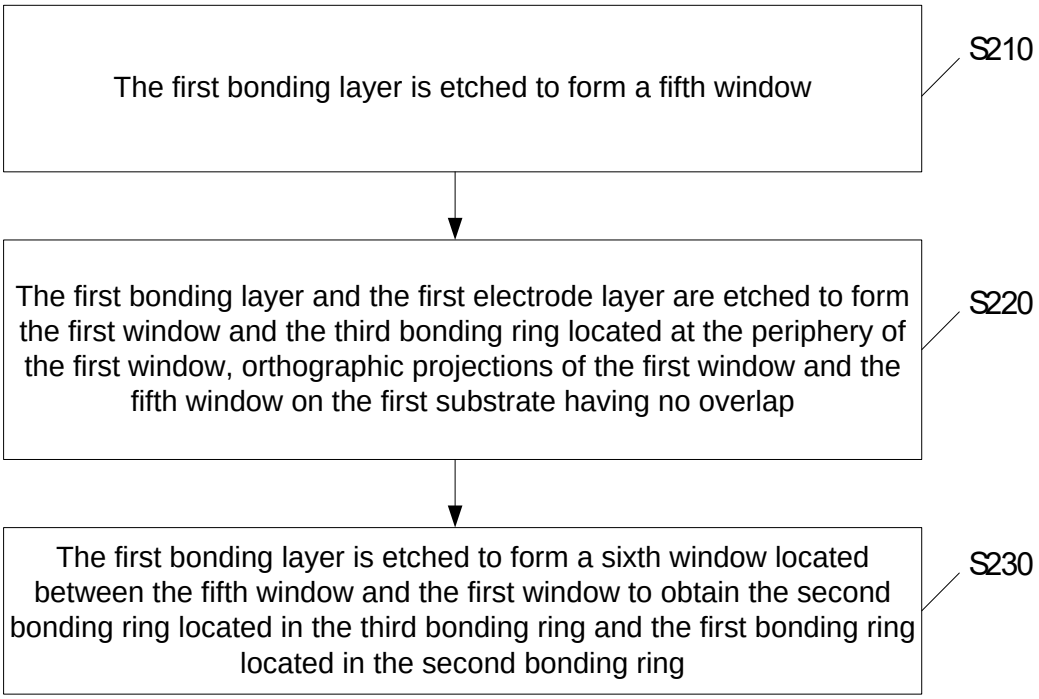

The first bonding layer is etched to form a fifth window
S210
The first bonding layer and the first electrode layer are etched to form the first window and the third bonding ring located at the periphery of the first window, orthographic projections of the first window and the fifth window on the first substrate having no overlap
S220
The first bonding layer is etched to form a sixth window located between the fifth window and the first window to obtain the second bonding ring located in the third bonding ring and the first bonding ring located in the second bonding ring
S230

Fig. 4

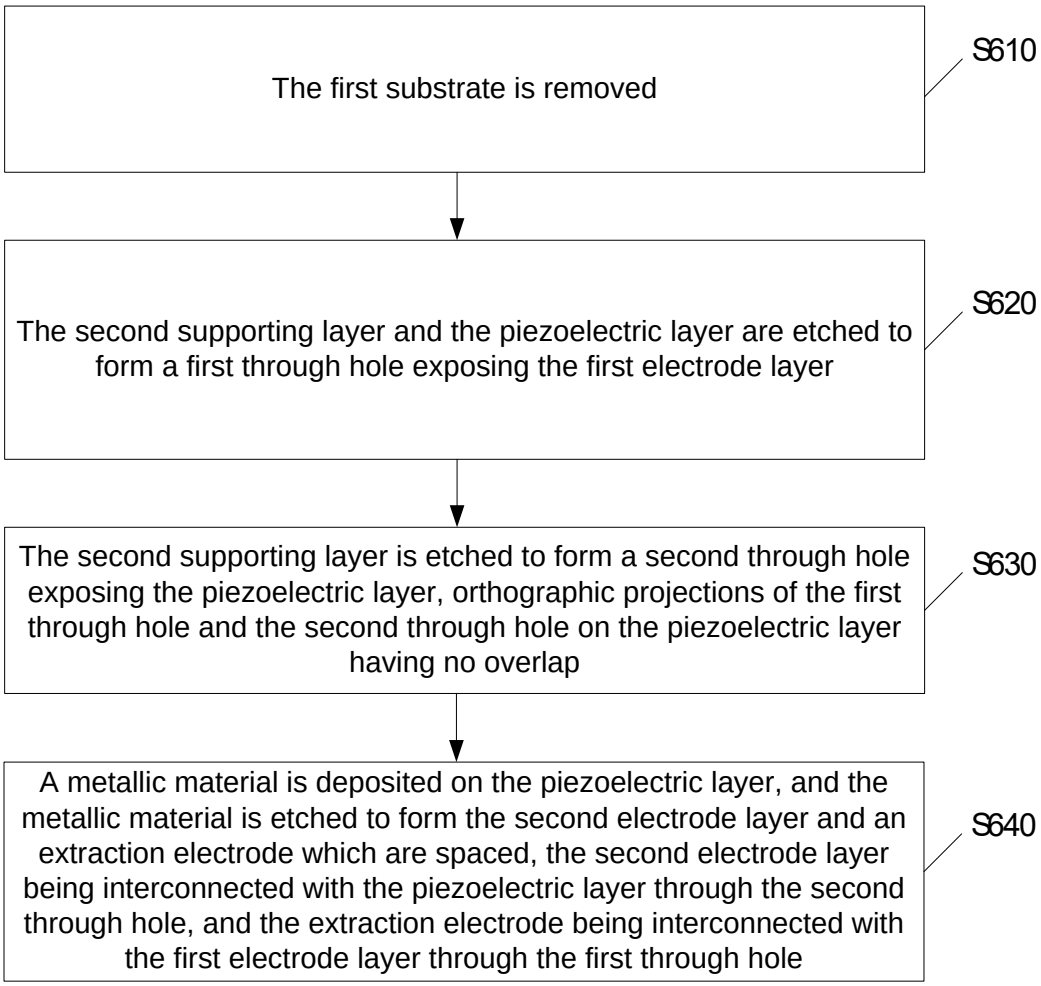

The first substrate is removed
S610
The second supporting layer and the piezoelectric layer are etched to form a first through hole exposing the first electrode layer
S620
The second supporting layer is etched to form a second through hole exposing the piezoelectric layer, orthographic projections of the first through hole and the second through hole on the piezoelectric layer having no overlap
S630
A metallic material is deposited on the piezoelectric layer, and the metallic material is etched to form the second electrode layer and an extraction electrode which are spaced, the second electrode layer being interconnected with the piezoelectric layer through the second through hole, and the extraction electrode being interconnected with the first electrode layer through the first through hole
S640

Fig. 5

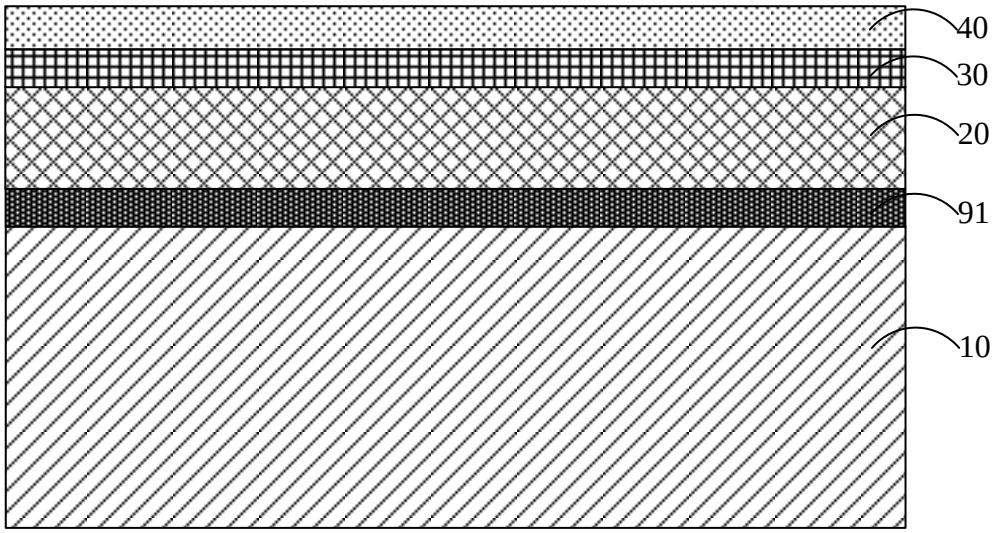


Fig. 6

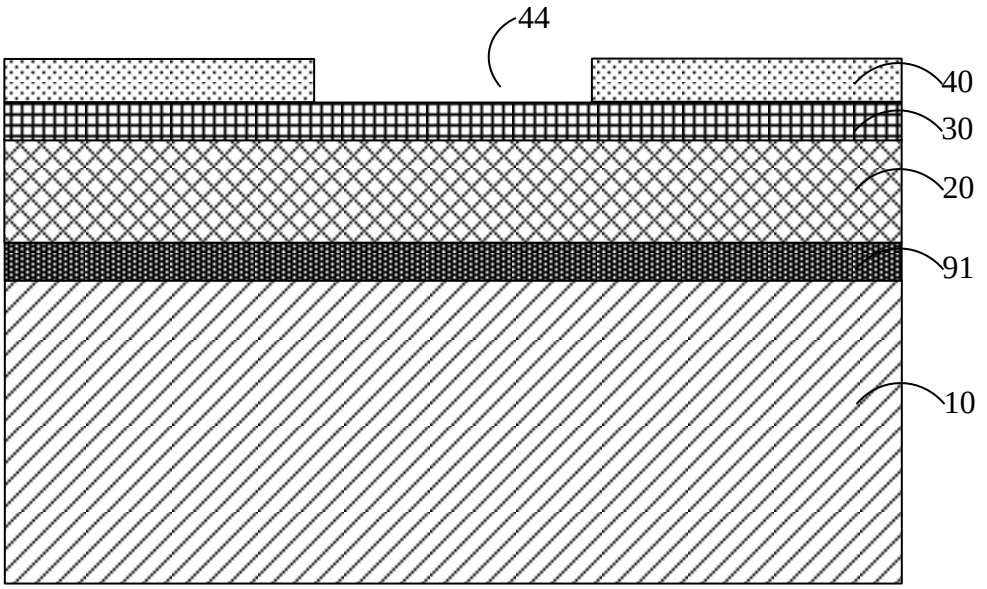


Fig. 7

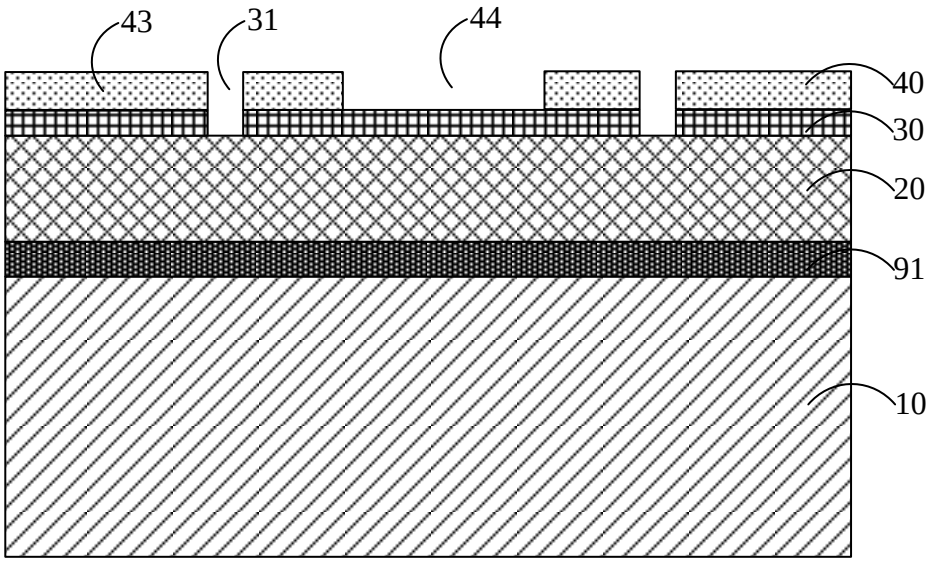


Fig. 8

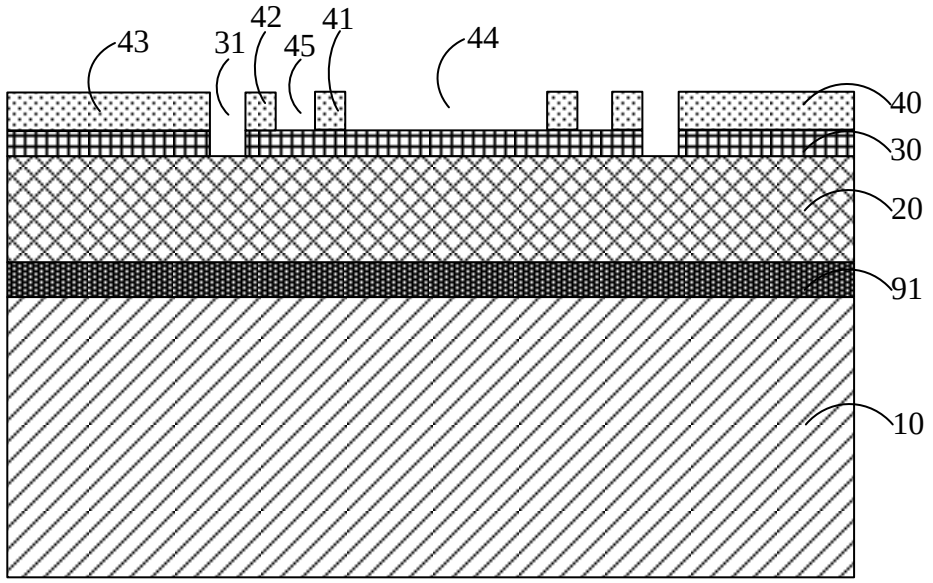


Fig. 9

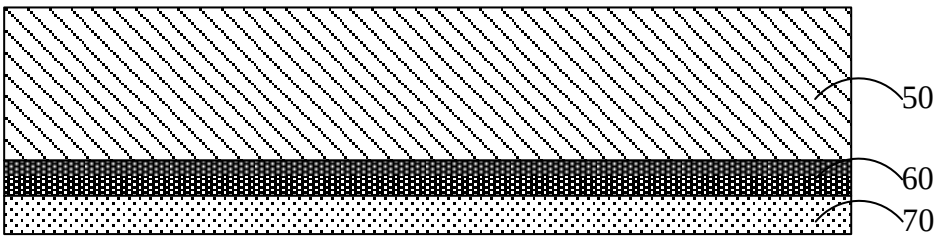


Fig. 10

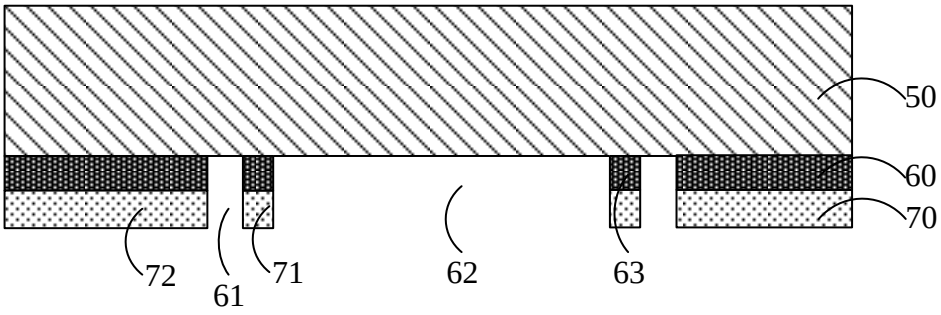


Fig. 11

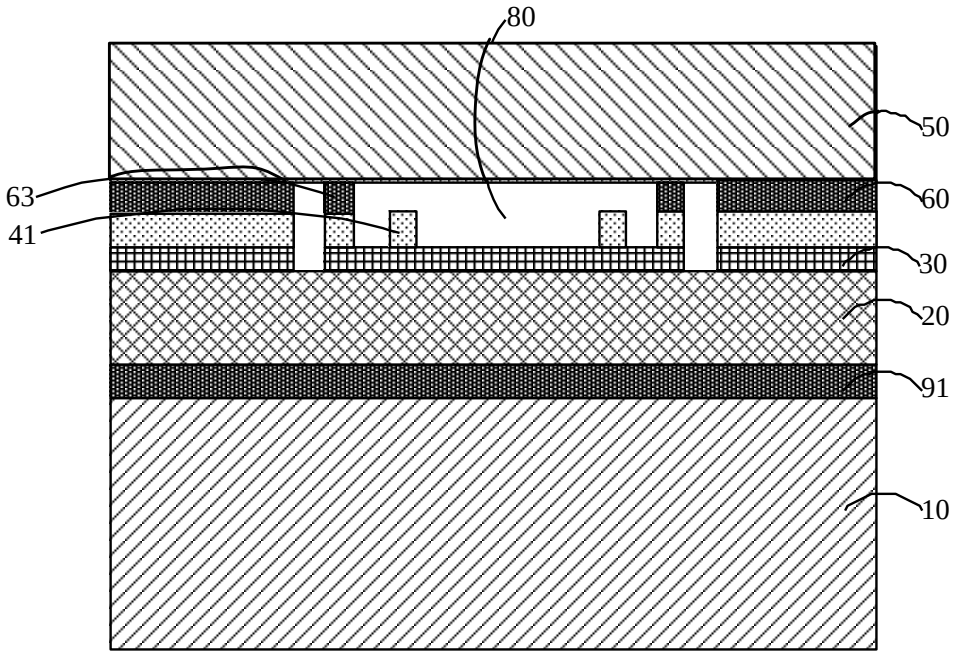


Fig. 12

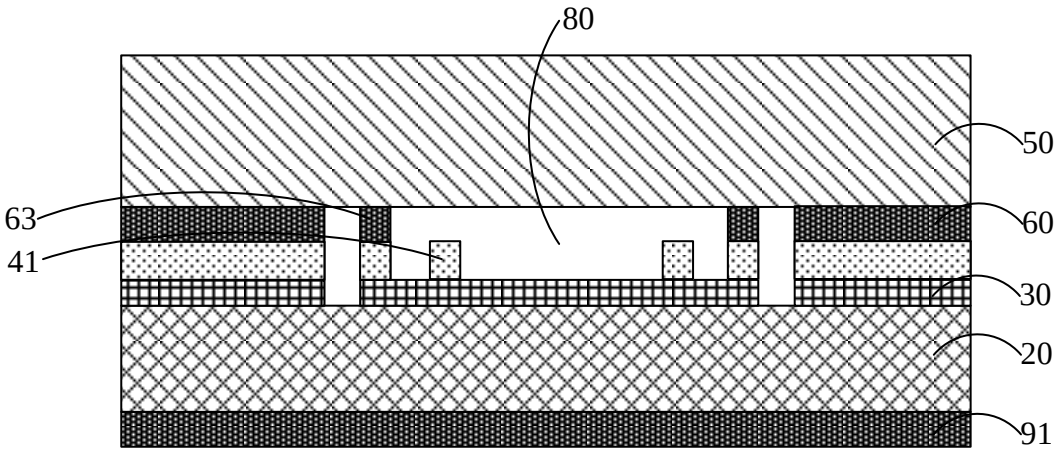

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Fig. 13

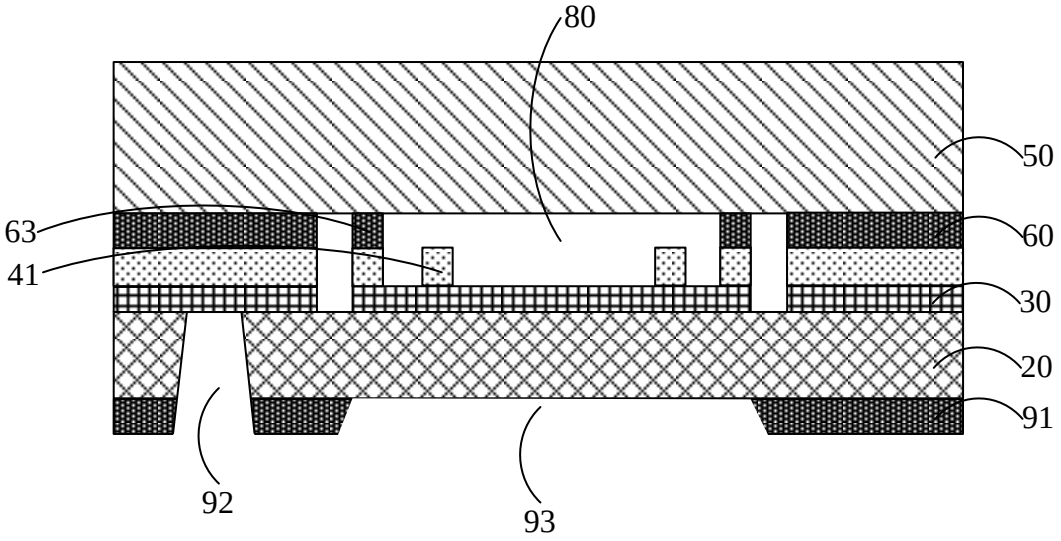
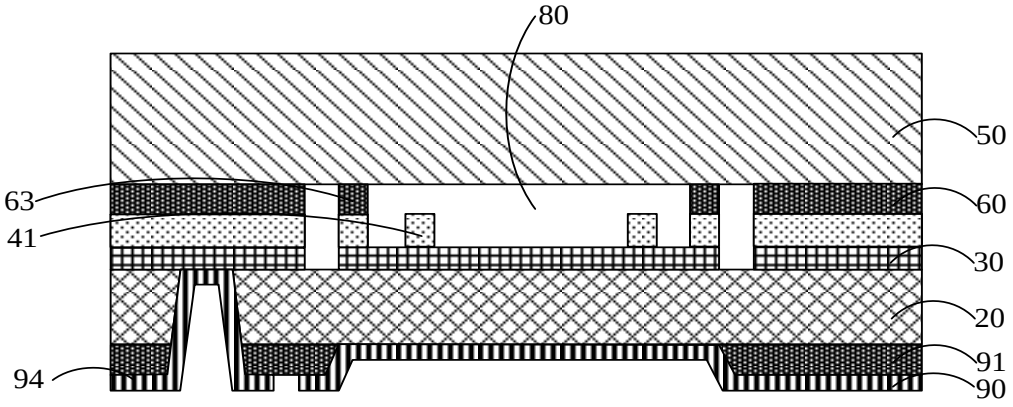

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Fig. 14


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